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Attorney Docket No. A4938.01/T37310

ASSISTANT COMMISSIONER FOR PATENTS
PATENT APPLICATION
Washington, D.C. 20231

Transmitted herewith for filing under 37 CFR 1.53(b) is the
 patent application of
 continuation patent application of
 divisional patent application of
 continuation-in-part patent application of

Inventor(s)/Applicant Identifier: Terry Reiss et al.

For: FAULT DETECTION AND VIRTUAL SENSOR METHODS FOR TOOL FAULT MONITORING

Enclosed are:

16 page(s) of specification
 3 page(s) of claims
 1 page of Abstract
 10 sheet(s) of formal informal drawing(s).

An assignment of the invention to Applied Materials, Inc.

Recordation Form PTO-1595.

A signed unsigned Declaration & Power of AttorneyA signed unsigned Declaration.

A Power of Attorney by Assignee with Certificate Under 37 CFR Section 3.73(b).

A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27 is enclosed was filed in the prior application and small entity status is still proper and desired.

A certified copy of a _____ application.

Information Disclosure Statement under 37 CFR 1.97.

A petition to extend time to respond in the parent application.

Notification of change of power of attorney correspondence address filed in prior application.

Return Receipt Postcard (in duplicate)

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	- 19	= *0
INDEP. CLAIMS	- 2	= *0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

Please charge Deposit Account No. 50-1074 as follows:

Filing fee \$710.00
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 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

A check for \$ _____ is enclosed.
1 extra copies of this sheet are enclosed.

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SMALL ENTITY		OTHER THAN SMALL ENTITY	
RATE	FEE	RATE	FEE
	\$355.00		\$710.00
x \$9.00 =		x \$18.00 =	\$
x \$40.00 =		x \$80.00 =	\$
+ \$135.00 =		+ \$270.00 =	
TOTAL		TOTAL	\$710.00

Respectfully submitted,

Robert W. Mulcahy
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